## \*\*\*\* CONFIDENTIAL \*\*\*\* \*\*\*\*PRE-DECISIONAL DOCUMENT \*\*\*\* \*\*\*\* SUMMARY SCORESHEET \*\*\*\* \*\*\*\* FOR COMPUTING PROJECTED HRS SCORE \*\*\*\*



## \*\*\*\* Do Not Cite or Quote \*\*\*\*

Site Name: Edison Stamping and

Region: 2

Manufacturing

City, County, State: South Plainfield,

Evaluator: Steve Hoke

Middlesex NJ

EPA ID#: NJD061056198

Date: 2/9/2010

Lat/Long: 40.55889 / -74.438056

T/R/S:

Congressional District: 18

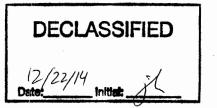
This Scoresheet is for: SI

Scenario Name: Site Investigation

Description: ESM was investigated as a possible contaminant source for the Franklin Street Ground Water Contamination. NJDEP compiled file information and performed a subsurface investigation at the site.

	S pathway	S <sup>2</sup> pathway	
Ground Water Migration Pathway Score (Sgw)	100	10000	
Surface Water Migration Pathway Score (Ssw)			
Soil Exposure Pathway Score (S <sub>s</sub> )			
Air Migration Score (Sa)			
$S_{gw}^2 + S_{sw}^2 + S_{s}^2 + S_{a}^2$		10000	
$(S_{gw}^2 + S_{sw}^2 + S_{s}^2 + S_a^2)/4$		2500	
$\sqrt{(S_{gw}^2 + S_{sw}^2 + S_s^2 + S_a^2)/4}$		50	

\* Pathways not assigned a score (explain): Soil - No surface spills, subsurface release to septic Air - Hazardous Materials are no longer used at the site. Surface Water - All contamination is subsurface.



Factor categories and factors	Maxımum Value	Value Assigned	
Aquifer Evaluated Passaic Formation			<del>.</del>
Likelihood of Release to an Aquifer:			
1 Observed Release	550	550	
2 Potential to Release.			
2a Containment	10		
2b Net Precipitation	10		
2c Depth to Aquifer	5		
2d Travel Time	35		
2e Potential to Release [lines 2a(2b + 2c + 2d)]	500	,	
3 Likelihood of Release (higher of lines 1 and 2e)	550		550
Waste Characteristics:			
4 Toxicity/Mobility	- (a)	10000	
5 Hazardous Waste Quantity	(a)	10	
6 Waste Characteristics	100		18
Targets:			
7 Nearest Well	(b)	3	
8 Population			
8a Level I Concentrations	(b)		
8b Level II Concentrations	(b)		
8c Potential Contamination	(b)	1095	,
8d Population (lines 8a + 8b + 8c)	(b)	1095	
9 Resources	5	0	
10. Wellhead Protection Area	20		
11. Targets (lines 7 + 8d + 9 + 10)	(b)		1098
Ground Water Migration Score for an Aquifer:			•
12 Aquifer Score [(lines 3 x 6 x 11)/82,5000] <sup>c</sup>	100		100
Ground Water Migration Pathway Score:			
13 Pathway Score (S <sub>gw</sub> ), (highest value from line 12 for all aquifers evaluated) <sup>c</sup>	100		100

<sup>&</sup>lt;sup>a</sup> Maximum value applies to waste characteristics category
<sup>b</sup> Maximum value not applicable
<sup>c</sup> Do not round to nearest integer